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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|             |   |               |          |
|-------------|---|---------------|----------|
| Applicant:  | Brian Seed et al.                                     | Art Unit:     | 1644     |
| Serial No.: | 09/243,008  | Examiner:     | P. Nolan |
| Filed:      | February 2, 1999                                      | Customer No.: | 21559    |
| Title:      | REDIRECTION OF CELLULAR IMMUNITY BY RECEPTOR CHIMERAS |               |          |

Assistant Commissioner for Patents  
Washington, D.C. 20231

DECLARATION UNDER 37 C.F.R. § 1.132 OF DR. BRIAN SEED

1. I am a named inventor in the above-referenced patent application.
2. In response to the written description rejection raised in connection with this application, I point out that the three amino acid intracellular domain of the chimeric receptor described on page 48, lines 31-33, and in Figure 8A of the above-referenced patent application does not signal a host cell to destroy a receptor-bound target.

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Instead, this three amino acid intracellular domain likely functions as an anchor to help hold the chimera in the cell membrane. Our data indicate that signaling in this construct is mediated by the transmembrane domain.

3. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Date: Apr. 1 22, 2002

  
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